

WHAT IS CLAIMED IS:

1. A preamplifier circuit for transmitting an analog video signal as a result of converting a digital video signal outputted from a computer by a D/A converter circuit to a display, wherein an input characteristic of said preamplifier circuit is current input to match a characteristic of current output of said D/A converter circuit.

2. A preamplifier circuit as claimed in claim 1, wherein a current conversion circuit using a transconductance amplifier is provided within said preamplifier circuit.